Amendment to the Claims

1. (original) A device comprising:

a substrate;

at least one solid-state optical amplifier attached to the substrate; and

a plurality of mirrors attached to the substrate and moveable relative to the substrate independent of each other;

wherein light having a wavelength within a selected range enters the device, is amplified by the amplifier and reflected by one of the mirrors to exit the device in a direction controlled by the mirror.

2. (original) The device of claim 1, wherein the light is amplified by the amplifier before and after reflection by the mirror.

3. (original) The device of claim 1, wherein the amplifier is attached to the mirror and moves with the mirror relative to the substrate.

4. (currently amended) The device of claim 1, wherein the mirror moves relative to the amplifier ~~is contained in the substrate~~.

5. (new) The device of claim 1, further comprising a photodetector disposed adjacent to the amplifier.

6. (new) The device of claim 1, wherein the amplifier serves as a photodetector.

7. (new) The device of claim 1, wherein a lead for the amplifier serves as a torsion bar.

8. (new) A device comprising:

a substrate;

a plurality of solid-state optical amplifiers attached to the substrate; and

a plurality of mirrors attached to the substrate and moveable relative to the substrate independent of each other, each of the mirrors being aligned with a corresponding one of the amplifiers;

wherein light having a wavelength within a selected range enters the device, is amplified by the one amplifier and reflected by the corresponding mirror to exit the device in a direction controlled by the mirror.

9. (new) The device of claim 8, wherein the light is amplified by the amplifier before and after reflection by the mirror.

10. (new) The device of claim 8, wherein the amplifier is attached to the mirror and moves with the mirror relative to the substrate.

11. (new) The device of claim 8, wherein the mirror moves relative to the amplifier.

12. (new) The device of claim 8, further comprising a photodetector disposed adjacent to the amplifier.

13. (new) The device of claim 8, wherein the amplifier serves as a photodetector.

14. (new) The device of claim 8, wherein a lead for the amplifier serves as a torsion bar.

15. (new) A device comprising:

a substrate;

a plurality of solid-state optical amplifiers attached to the substrate; and

a plurality of mirrors attached to the substrate and moveable relative to the substrate independent of each other, each of the mirrors being aligned with a corresponding one of the amplifiers;

wherein light having a wavelength within a selected range enters the device, is amplified by the one amplifier and reflected by the corresponding mirror to exit the device in a direction controlled by the mirror, with the light detected by the device.

16. (new) The device of claim 15, wherein the light is amplified by the amplifier before and after reflection by the mirror.

17. (new) The device of claim 15, wherein the amplifier is attached to the mirror and moves with the mirror relative to the substrate.

18. (new) The device of claim 15, wherein the mirror moves relative to the amplifier.

19. (new) The device of claim 15, wherein the light is detected by a photodetector that is disposed adjacent to the amplifier.

20. (new) The device of claim 15, wherein a lead for the amplifier serves as a torsion bar.